

System for distributed power management in portable computers

K Kannan, CD Jones, NJ Lee, K Leontides, FP Novak ... - US Patent 5,423,045, 1995 - freepatentsonline.com
... that the charge of the battery is below a particular threshold. ... are determined by
setting the associated mask bit(s) in the power management interrupt mask ...

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Mobile power management for maximum battery life in wirelesscommunication networks

JM Rulnick, N Bambos - INFOCOM'96. Fifteenth Annual Joint Conference of the IEEE ..., 1996 -
ieeexplore.ieee.org

... we also consider "constant-power with threshold" solutions, which ... 22 Optimal Power
Management Solutions It remains to ... 1, which show typical bit error rates ...

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Power aware wireless microsensor systems - ►mit.edu

A Chandrakasan, R Min, M Bhardwaj, S Cho, A Wang - Solid-State Circuits Conference, 2002. ESSCIRC 2002.

..., 2002 - ieeexplore.ieee.org

... be reduced to lower the energy utilized per bit. ... Hence, until advances in low-power
receiver technology ... indoor microsensor networks will not save energy using ...

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Key authors: A Chandrakasan - J Kao - L Benini - J Hill - G De Micheli

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Design and optimization of dual-threshold circuits for low-voltage low-power applications

L Wei, Z Chen, K Roy, MC Johnson, Y Ye, VK De - Very Large Scale Integration (VLSI) Systems, IEEE ..., 1999 - ieeexplore.ieee.org

... In addition to leakage **power saving**, the dynamic **power** is ... and standby leakage **power** savings for ISCAS benchmark circuits. ... was 1 V. In active **mode** (the circuit ...

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... transmitting signal to/from sleeping node identifying its existence to a **network** and awakening the ...

I Crawford - US Patent 5,404,544, 1995 - freepatentsonline.com

... and the MAC can be powered down to **save power**. ... When set, the **threshold** of the twisted pair receiver will be ... core 38 will of course be in its **power saving mode**. ...

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[PDF] A trace-based approach for determining the energy consumption of a WLAN network interface

JP Ebert, B Burns, A Wolisz - European Wireless Conference, 2002 - docent.ing.unipi.it

... SLEEP modes of the ICs have the largest **power saving** potential ... This indicates that **SLEEP mode** can save a considerable amount of **power** if applicable ...

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... **network** having a plurality of bridging nodes which transmit a beacon to terminal nodes in **power** ...

RL Mahany, RC Meier, RE Luse - US Patent 6,374,311, 2002 - Google Patents

... based on logical distance in view of **threshold** ... COMMUNICATION **NETWORK** HAVING A PLURALITY OF BRIDGING NODES ... A BEACON TO TERMINAL NODES IN **POWER SAVING** STATE THAT ...

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Dual-threshold voltage techniques for low-power digital circuits - [mit.edu](#) [PDF]

JT Kao, AP Chandrakasan - Solid-State Circuits, IEEE Journal of, 2000 - ieeexplore.ieee.org

... Initially, the AND gates and the carry-**save** adder units ... that is used for gating the **power** supply rails. ... that can switch during the evaluate **mode** and utilizes ...

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System and method for providing seamless handover in a wireless computer network

WJM Diepstraten, L Monteban - EP Patent 0,851,631, 1998 - freepatentsonline.com

... present invention takes advantage of a **power saving** protocol provision ... to Step 401 and remains in the active **mode**. ... MS 50 then sends a **power save** poll (PS-POLL ...

Cited by 9 - Related articles - Web Search - All 6 versions

Power aware network interface management for streaming multimedia

D Bertozi, L Benini, B Ricco - Wireless Communications and Networking Conference, 2002. ..., 2002 - ieeexplore.ieee.org

... NIC IS OFF: **POWER SAVING SERVER** ... III. OFF - MODE SHORTCOMINGS The main problems that arise when trying to exploit the off- **mode** to **save power** during an ...

Cited by 12 - Related articles - Web Search - All 2 versions

A survey on sensor networks - [ufrj.br](#) [PDF]

IF Akyildiz, W Su, Y Sankarasubramaniam, E Cayirci - Communications Magazine, IEEE, 2002 - ieeexplore.ieee.org

... Another possible **mode** of internode commu- ... to prolong **network** lifetime in a sensor **network** means that ... tion is achieved by the use of **power saving** oper- ation ...

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System and method for dual mode DC-DC power conversion

DH Soo - US Patent 5,548,206, 1996 - freepatentsonline.com

... by the transistor inverter **network** even when ... has increased above a predetermined **threshold**, the converter is ... a straight line upcharge during **power saving mode**. ...

Cited by 20 - Related articles - Web Search - All 7 versions

A routing protocol and energy efficient techniques in Bluetooth scatternets - inria.fr (PDF)

BJ Prabhu, A Chockalingam - Communications, 2002. ICC 2002. IEEE International ..., 2002 - ieeexplore.ieee.org

... Section, we present two techniques which can **save** energy in ... The protocol used the available battery **power** in the Bluetooth ... We also proposed two energy **saving** ...

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Key authors: **J Kao - A Chandrakasan - L Wei - T Sakurai - K Roy**

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